FFR 1 0 2006 FORM PTO-1449 ATTY, DOCKET NO. SERIAL NO. 1-2-0173.2US 10/080,212 U.S. DEPARTMENT OF COMMERCE **APPLICANT** PATENT AND TRADEMARK OFFICE De et al. INFORMATION DISCLOSURE **FILING DATE GROUP** STATEMENT BY APPLICANT February 21, 2002 2661 (Use several sheets if necessary) **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE IF DOCUMENT NUMBER INMAL DATE NAME CLASS SUBCLASS APPROPRIATE 5.157.688 10/1992 Dell-Imagine RW 5,337,226 12/1994 **Davis** 5,377,225 12/1994 **Davis** 12/1995 5,477,225 Young et al. 5.648.983 07/1997 Kostic et al. 6.064,689 05/2000 Vollmer et al. 2002/0126619 09/2002 De et al. 2002/0126646 09/2002 De et al. 2002/0131383 09/2002 De et al. 2002/0136160 09/2002 De et al. 2002/0141366 10/2002 De et al. 2002/0141372 10/2002 De et al. 2002/0141373 10/2002 De et al. 2002/0154599 10/2002 De et al. 2002/0154619 10/2002 De et al. 2002/0159383 10/2002 De et al. 2002/0159428 10/2002 De et al. OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Ramjee Prasad, Werner Mohr and Walter Konhauser editors, Third Generation RW Mobile Communication Systems, Artech House, Boston, 2000. Anja Klein, Ghassan Kawas Kaleh and Paul Walter Baier, "Zero Forcing and Minimum Mean-Square Error Equalization for Multiuser Detection in Code-Division Multiple-Access Channels", IEEE Trans. on Vehicular Technology, Vol.45, No. 2, pp. 276-287, May 1996. Naja Klein, "Data Detection Algorithms Specially Designed for the Downlink of CDMA Mobile Radio Systems", IEEE 47th Vehicular Technology Conference, pp. 203-207, May 1997.

EXAMINER	DATE CONSIDERED	
1	05/11/2006	
/Robert Wilson/	03/11/2000	

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. I-2-0173.2US	SERIAL NO. 10/080,212	
		APPLICANT De et al.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE February 21, 2002	GROUP 2661	
(Use several sheets if necessary)				
	OTHER DOCUMENTS (Including Au	uthor, Title, Date, Pertinent Pages	s, Etc.)	
RW	H.R. Karimi and N.W. Anderson, "A Novel and Efficient Solution to Bloc Approximate Cholesky Factorization", <i>Personal, Indoor and Mobile Commu</i> Proceedings, Vol. 3, pp. 1340-1345, Sept. 1998, Bo		ications PIMRC' 98, Conference	
	ETSI STC SMG2 Layer 1 Expert Group, "Low Cost MMSE-BLE-SD Algorithm for UTRA TDD Mode Downline Tdoc SMG2 UMTS L1, Helsinki, Finland, Sept. 1998. 3G TS 25.102 V3.4.0, 2000-10, "UTRA (TDD) Radio Transmission and Reception", 3rd Generation Partnership Project, Technical Specification Group RAN WG4, Annex B., pp. 37.			
	Lang Tong; Guanghan xu; Kailath T: "Blind identification and equalization based on second -order statistic a time domain approach", IEEE Trans. Inf. Theory (USA), IEEE Transactions on Information Theory, March 1994, USA, ISSN 0018-9448, VOL-40, NR 2, pages 340-349 Benvenuto N. et al. "Joint Detection With Low Computational Complexity For Hybrid TD-CDMA Systems VTC 1999-Fall. IEEE VTS 50th. Vehicular Technology Conference. Gateway to the 21st Century Communications Village. Amsterdam, Sept. 19-22, 1999, IEEE Vehicular Technology Conference, NY Vandaele P. et al. "Recursive Total Least Squares Algorithm for Single-User Blind Channel Equalisation: I Proceedings: Vision, Image and Signal Processing, Institution of Electrical Engineers, FB, Vol 147, No. 3, June 2000 Yang et al., "Fast Joint Detection with Cyclic Reduction Exploiting Displacement Structures", 2000 IEEE International Conference on Acoustics, Speech and Signal Processing, Istambul, Turkey, June 2000			
	Proakis et al., "Digital Signal Processing", Macmillan Publishing Company, New York, NY, 1992, p. 835, 11.3.1, p. 890, para. 12.3.2			
	Vollmer et al., "Joint-Detection Using Fast International Annual Conference of ICT, 199	Fourier Transforms in TD-CDMA 19, pp. 1-7, p. 1, para. 1, p. 2, par	Based Mobile Radio Systems", a. II, p. 3, para. III, p. 4, para. IV	
	Pigeonnat, "Alternative Solutions for Joint C Signal Processing Workshop on Signal Pro			

EXAMINER /Robert Wilson/	DATE CONSIDERED	
/Robert Wilson/	05/11/2006	